



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5207

|   |   |                                    |   |   |
|---|---|------------------------------------|---|---|
| <b>SERIAL NUMBER</b><br>10/500,203  | <b>FILING OR 371(c) DATE</b><br>06/28/2004<br><b>RULE</b>   | <b>CLASS</b><br>372                | <b>GROUP ART UNIT</b><br>2828   | <b>ATTORNEY DOCKET NO.</b><br>M17-0ZUSI |
| <b>APPLICANTS</b><br>Peter Zoller, Innsbruck, AUSTRIA;<br>Luming Duan, Ann Arbor, MI;<br>Ignacio Cirac, Garching, GERMANY;<br>Milhail D. Lukin, Cambridge, MA;  |   |                                    |   |   |
| <b>** CONTINUING DATA *****</b><br>This application is a 371 of PCT/US02/15135 05/20/2002 <i>JA</i>   |   |                                    |   |   |
| <b>** FOREIGN APPLICATIONS *****</b>  |   |                                    |   |   |
| <b>** SMALL ENTITY **</b>   |   |                                    |   |   |
| Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no<br>35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after<br>met<br>Verified and<br>Acknowledged <i>Y</i> Allowance <i>JA</i><br>Examiner's Signature Initials |   | <b>STATE OR COUNTRY</b><br>AUSTRIA | <b>SHEETS DRAWING</b><br>4  | <b>TOTAL CLAIMS</b><br>56               |
|   |   |                                    |   | <b>INDEPENDENT CLAIMS</b><br>4          |
| <b>ADDRESS</b><br>36522   |   |                                    |   |   |
| <b>TITLE</b><br>Long-distance quantum communication   |   |                                    |   |   |
| <b>FILING FEE RECEIVED</b><br>852   | FEES: Authority has been given in Paper<br>No. _____ to charge/credit DEPOSIT ACCOUNT<br>No. _____ for following: |                                    | <input type="checkbox"/> All Fees<br><input type="checkbox"/> 1.16 Fees ( Filing )<br><input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )<br><input type="checkbox"/> 1.18 Fees ( Issue )<br><input type="checkbox"/> Other _____<br><input type="checkbox"/> Credit |   |